

What is Claimed is:

SLA

1. A network interconnecting a plurality of self-service machines (SSMs), wherein each of the SSMs executes a relational database management system (RDBMS) that maintains a relational database stored on the SSM.
2. The network of claim 1, wherein each of the relational databases stores information for only those customers that frequent the SSM.
3. The network of claim 2, wherein the SSM further comprises means for using the information stored in the relational database to more effectively serve the customer at the SSM.
4. The network of claim 2, wherein the SSM further comprises means for using the information stored in the relational database to market products and services to the customer at the SSM.
5. The network of claim 2, wherein operations for the relational database are directed to the SSMs based on the information stored in the relational database on the SSMs.
6. The network of claim 2, further comprising means for storing the information in relational databases on a plurality of the SSMs.
7. The network of claim 2, further comprising means for moving the information stored in the relational database among the SSMs.
8. The network of claim 1, wherein each of the relational databases is a partition of a global relational database, wherein the global relational database is comprised of a plurality of the relational databases stored on a plurality of the SSMs.

9. The network of claim 1, wherein each of the relational databases stores information on only those customers that frequent the SSM that executes the RDBMS.
10. The network of claim 1, further comprising one or more transaction processing systems coupled to the network for processing transactions from the SSMs.
11. The network of claim 1, further comprising one or more data warehouse systems coupled to the network for storing information collected in the course of transactions involving the SSMs.
12. The network of claim 11, further comprising means for synchronizing the storage of information between the SSMs and the data warehouse system.
13. The network of claim 11, further comprising means for synchronizing the storage of information among the SSMs.
14. The network of claim 11, further comprising means for uploading information from the SSMs to the data warehouse system.
15. The network of claim 11, further comprising means for downloading information from the data warehouse system to the SSMs.
16. The network of claim 11, wherein the SSMs store a duplicate of the information stored on the data warehouse system.
17. The network of claim 11, wherein each of SSMs captures detailed data about the customer's interaction for use both locally at the SSMs and globally at the data warehouse system.

18. The network of claim 17, wherein the detailed data about the customer's interaction is stored for future use.

19. The network of claim 11, wherein the detailed data is uploaded to populate the data warehouse system.

20. The network of claim 11, wherein the customer-specific information is stored on the SSMs according to customer usage patterns as determined by the data warehouse system.

21. A method of processing information in a network interconnecting a plurality of self-service machines (SSMs), comprising:
executing a relational database management system (RDBMS) on each of the SSMs, wherein the RDBMS maintains a relational database stored on the SSM and each of the relational databases stores information for only those customers that frequent the SSM that executes the RDBMS;
using the information stored in the relational database to more effectively serve the customer at the SSM.

22. The method of claim 21, wherein the using step comprises using the information stored in the relational database to market products and services to the customer at the SSM.

23. The method of claim 21, wherein each of the relational databases is a partition of a global relational database and the global relational database is comprised of a plurality of the relational databases stored on a plurality of the SSMs.

24. The method of claim 21, further comprising processing financial transactions from the SSMs at one or more transaction processing systems coupled to the network.

25. The method of claim 21, further comprising storing information collected in the course of transactions involving the SSMs at one or more data warehouse systems coupled to the network.

26. The method of claim 25, further comprising synchronizing the storage of information between the SSMs and the data warehouse system.

27. The method of claim 25, further comprising synchronizing the storage of information among the SSMs.

28. The method of claim 25, further comprising uploading information from the SSMs to the data warehouse system.

29. The method of claim 25, further comprising downloading information from the data warehouse system to the SSMs.

30. The method of claim 25, wherein the SSMs store a duplicate of the information stored on the data warehouse system.

31. The method of claim 25, wherein each of SSMs captures detailed data about the customer's interaction for use both locally at the SSMs and globally at the data warehouse system.

32. The network of claim 31, wherein the detailed data about the customer's interaction is stored for future use.

33. The method of claim 25, wherein the detailed data is uploaded to populate the data warehouse system.

34. The method of claim 25, wherein the customer-specific information is stored on the SSMs according to customer usage patterns as determined by the data warehouse system.

35. A relational database management system (RDBMS) executed by a plurality of self-service machines (SSMs) interconnected by a network, wherein each of the SSMs stores a relational database, and each of the relational databases stores information for only those customers that frequent the SSM.